



US008152062B2

(12) **United States Patent**
Perrier et al.

(10) **Patent No.:** **US 8,152,062 B2**
(45) **Date of Patent:** **Apr. 10, 2012**

(54) **PORTABLE INFORMATION TERMINAL
MOUNTABLE ON SHOPPING CART AND
REMOVABLE MEMORY DEVICE USABLE
WITH SAME**

4,071,740 A 1/1978 Gogulski
4,139,149 A 2/1979 Crepeau et al.
4,334,278 A 6/1982 Marmon
4,373,133 A 2/1983 Clyne et al.
4,500,880 A 2/1985 Gomersall et al.
4,528,638 A 7/1985 Hatta et al.

(Continued)

(75) Inventors: **R. Sylvain Perrier**, Newmarket (CA);
Jeremy List, Newmarket (CA); **Mark
Edey**, Ottawa (CA)

FOREIGN PATENT DOCUMENTS

CA 1300235 5/1992

(Continued)

(73) Assignee: **Mercatus Technologies Inc.**, Toronto
(CA)

OTHER PUBLICATIONS

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 433 days.

Cuesol; "Enhancing the Customer Experience"; www.cuesol.com;
2005.

(Continued)

(21) Appl. No.: **11/411,900**

(22) Filed: **Apr. 27, 2006**

Primary Examiner — Daniel Hess

Assistant Examiner — Rafferty Kelly

(74) *Attorney, Agent, or Firm* — Osha•Liang LLP

(65) **Prior Publication Data**

US 2006/0264120 A1 Nov. 23, 2006

Related U.S. Application Data

(60) Provisional application No. 60/675,849, filed on Apr.
29, 2005.

(51) **Int. Cl.**
G06K 15/00 (2006.01)

(52) **U.S. Cl.** **235/383**; 361/679.31; 361/679.39;
361/679.58; 361/759

(58) **Field of Classification Search** 361/684,
361/686, 679.57, 679.58, 679.31, 679.39,
361/759; 439/752, 731; 235/383; 35/383
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,759,281 A 8/1956 Akers, Jr.
3,251,543 A 5/1966 Bush
3,710,108 A 1/1973 Haarhaus et al.
3,836,755 A 9/1974 Ehrat et al.

16 Claims, 12 Drawing Sheets

